

# FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

PAS

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
CA	BPH -911115MG N/M	NEW 100.9MHZ	MOONBEAM, INC. CALISTOGA CA	CP FOR NEW FM ON: FREQ: 100.9MHZ., ERP: 0.075 KW (H&V) HAAT: 829 METERS (H&V) 38 39 22 122 36 57

LICENSE EXPIRATION DATE

\_\_\_\_\_  
CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT( ) CONSTRUCTION DATES, START \_\_\_\_\_ END \_\_\_\_\_

CONTESTED ( ) UNCONTESTED ( )

11  
4.27.92

APPROVED \_\_\_\_\_

\_\_\_\_\_  
FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

Approved by OMB  
3060-0440  
Expires 2/28/93

FEDERAL COMMUNICATIONS COMMISSION  
**FEE PROCESSING FORM**

FOR  
FCC  
USE  
ONLY

FCC/MELLON NOV 15 1991

11-18-91 8195948 006

Please read instructions on back of this form before completing it. Section I MUST be completed. If you are applying for a fee waiver, which requires you to list more than one Fee Type Code, you must also complete Section II. This form

LAW OFFICES  
**HALEY, BADER & POTTS**

SUITE 600

2000 M STREET, N.W.

WASHINGTON, D.C. 20036-3374

(202) 331-0606

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LARRY D. SUMMERVILLE  
BROADCAST ANALYST

ORIGINAL

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

For COMMISSION Fee Use Only	FEE NO:	For APPLICANT Fee Use Only Is a fee submitted with this application? <input type="checkbox"/> Yes <input type="checkbox"/> No If fee exempt (see 47 C.F.R. Section 1.1112), indicate reason therefor (check one box): <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	FEE TYPE:	
	FEE AMT:	
	ID SEQ:	
		FOR COMMISSION USE ONLY BPH-911115MG FILE NO.

Section I - GENERAL INFORMATION

1. Name of Applicant  Moonbeam, Inc.			Send notices and communications to the following person at the address below: Name Mary F. Constant * Moonbeam, Inc.		
Street Address or P.O. Box P.O. Box 526			Street Address or P.O. Box P.O. Box 526		
City Nicasio	State CA	ZIP Code 94946	City Nicasio	State CA	ZIP Code 94946
Telephone No. (Include Area Code) (415) 662-2226			Telephone No. (Include Area Code) (415) 662-2226		

2. This application is for: ☐ AM ☒ FM ☐ TV

(a) Channel No. or Frequency 100.9 FM Channel 265	(b) Principal Community Calistoga	City	State CA
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(c) Check one of the following boxes:

☒ Application for NEW station

☐ MAJOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MINOR change in licensed facilities; call sign: \_\_\_\_\_

☐ MAJOR modification of construction permit; call sign: \_\_\_\_\_

File No. of construction permit: \_\_\_\_\_

☐ MINOR modification of construction permit; call sign: \_\_\_\_\_

File No. of construction permit: \_\_\_\_\_

☐ AMENDMENT to pending application; Application file number: \_\_\_\_\_

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclus BPH 100.9MHZ -911115MG NEW ☐ Yes ☒ No

If Yes, state:	Call letters MOONBEAM, INC.	State CA
----------------	--------------------------------	-------------

\*copy to: Lee W. Shubert, Esq/Haley, Bader & Potts  
2000 M.Street, N.W., Suite 600, Washington DC 20036  
(202) 331-0606

**Section II - LEGAL QUALIFICATIONS**

Name of Applicant

Moonbeam, Inc.

1. Applicant is: (check one box below)

- ☐ Individual      ☐ General partnership      ☒ For-profit corporation  
☐ Other      ☐ Limited partnership      ☐ Not-for-profit corporation

2. If the applicant is an unincorporated association or a legal entity other than an individual, partnership, or corporation, describe in an Exhibit the nature of the application.

Exhibit No.  
N/A

**NOTE:** The terms "applicant," "parties to this application," and "non-party equity owners in the applicant" are defined in the Instructions for Section II of this form. Complete information as to each "party to this application" and each "non-party equity owner in the applicant" is required. If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.

3. If the applicant is not an individual, provide the date and place of filing of the applicant's enabling charter (e.g., a limited partnership must identify its certificate of limited partnership and a corporation must identify its articles of incorporation by date and place of filing):

Date May 15, 1991 Place Boise, Idaho

In the event there is no requirement that the enabling charter be filed with the state, the applicant shall include the enabling charter in the applicant's public inspection file. If, in the case of a partnership, the enabling charter does not include the partnership agreement itself, the applicant shall include a copy of the agreement in the applicant's public inspection file.

4. Are there any documents, instruments, contracts or understandings (written or oral), other than instruments identified in response to Question 3 above, relating to future ownership interests in the applicant, including but not limited to, insulated limited partnership shares, nonvoting stock interests, beneficial stock ownership interests, options, rights of first refusal, or debentures?

☐ Yes ☒ No

If Yes, submit as an Exhibit all such written documents, instruments, contracts, or understandings, and provide the particulars of any oral agreement.

Exhibit No.  
N/A

5. Complete, if applicable, the following certifications:

(a) Applicant certifies that no limited partner will be involved in any material respect in the management or operation of the proposed station.

☐ Yes ☐ No  
N/A

If No, applicant must complete Question 6 below with respect to all limited partners

Section 11 - LEGAL QUALIFICATIONS (Page 2)

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

(Read carefully - The numbered items below refer to line numbers in the following table.)

1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.

2. Citizenship.

3. Office or directorship held.

4. Number of shares or nature of partnership interests.

5. Number of votes.

6. Percentage of votes.

7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.

8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 76.501, including the nature and size of such interests and the positions held.

Mary F. Constant Shoot the Moon		
------------------------------------	--	--

Section II - LEGAL QUALIFICATIONS (Page 3)

7. Does the applicant, any party to the application or any non-party equity owner in the applicant have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☒ Yes ☐ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☐ Yes ☒ No

(c) a broadcast application which has been denied by the Commission?

☐ Yes ☒ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.

1

(1) Name of party having interest;

(2) Nature of interest or connection, giving dates;

(3) Call letters of stations or file number of application or docket; and

(4) Location.

8. (a) Are any of the parties to the application or non-party equity owners in the applicant related (as husband, wife, father, mother, brother, sister, son or daughter) to each other?

☐ Yes ☒ No

(b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of any party to the application or non-party equity owner in the applicant have any interest in or connection with any other broadcast station, pending broadcast application or newspaper in the same area (see Section 73.3555(c)) or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))?

☐ Yes ☒ No

If the answer to (a) or (b) above is Yes, attach an Exhibit giving full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.

N/A

9. State in an Exhibit any interest the applicant or any party to this application proposes to divest in the event of a grant of this application.

Exhibit No.

N/A

OTHER MASS MEDIA INTERESTS

10. (a) Do individuals or entities holding nonattributable interests of 5% or more in the applicant have an attributable ownership interest or corporate officership or directorship in a broadcast station, newspaper or CATV system in the same area? (See Instruction B to Section 11.)

☐ Yes ☒ No

(b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of an individual holding a nonattributable interest of 5% or more in the applicant have any interest in or connection with any other broadcast station, pending broadcast application, newspaper in the same area (see Section 73.3555(c)), or, in the case of a television station applicant only, a cable television system in the same area?

☐ Yes ☒ No





### SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☒ Yes ☐ No

2. State the total funds you estimate are necessary to construct and operate the requested facility for three months without revenue.

\$ 95,000.

3. Identify each source of funds, including the name, address, and telephone number of the source (and a contact person if the source is an entity), the relationship (if any) of the source to the applicant, and the amount of funds to be supplied by each source.

Source of Funds (Name and Address)	Telephone Number	Relationship	Amount
Mr. A. Langworth Manion Alex Brown & Sons 345 California Street San Francisco, CA 94104	(415) 544-2851	Banker	\$100,000.

#### Section IV-A - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No. 2
------------------

#### Section IV-B - INTEGRATION STATEMENT

Attach as an Exhibit the information required in 1. and 2. below.

Exhibit No. 3
------------------

1. List each principal of the applicant who, in the event of a grant of the application on a comparative basis proposes to participate in the management of the proposed facility and, with respect to each such principal, state whether he or she will work full-time (minimum 40 hours per week) or part-time (minimum 20 hours per week) and briefly describe the proposed position and duties.
2. State with respect to each principal identified in response to Item 1. above, whether the applicant will claim qualitative credit for any of the following enhancement factors:
  - (a) Minority Status
  - (b) Past Local Residence  
If Yes, specify whether in the community of license or service area and the corresponding dates.
  - (c) Female Status
  - (d) Broadcast Experience  
If Yes, list each employer and position and corresponding dates.
  - (e) Daytime Preference

**SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM**

1. Does the applicant propose to employ five or more full-time employees?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 696-A).

**SECTION VII - CERTIFICATIONS**

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3580?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

If No, attach as an Exhibit, a full explanation.


Exhibit No.  
N/A

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or

SECTION VII - CERTIFICATION (Page 5)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.  
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Moonbeam, Inc.	Signature 
Date November 12, 1991	Title President

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT  
AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 71 hours 45 minutes to 301 hours 30 minutes with an average of 118 hours 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0027), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

Moonbeam, Inc.  
Exhibit 1  
Section II, 7(a)  
Pending Application

In May, 1991 Moonbeam, Inc. filed an Application for Construction Permit for a new Commercial Radio Station on FM Channel 265 in Eagle, Idaho.

A settlement agreement has been filed with the Federal Communications Commission whereby Moonbeam, Inc. will dismiss its pending application.

Moonbeam, Inc.  
EXHIBIT 2  
Section IV-A Program Service Statement

Moonbeam, Inc. intends to provide the service area with a diversified mix of entertainment and nonentertainment programming, as well as an on-going schedule of local, regional and national Public Service Announcements. It is anticipated that the non-entertainment programming will include public affairs and public interest programs designed to address community issues. Moonbeam, Inc., will seek out responsible spokespersons of opposing viewpoints on matters of significant concern to the community.

Moonbeam, Inc. will install auxilliary power generators to maintain the operation of the station should the power supplied by the local utility fail or be interrupted.

Moonbeam, Inc.  
EXHIBIT 3  
Section IV-B Integration Statement

Mary F. Constant will participate in the management of the proposed station and will work full-time (a minimum of 40 hours per week) as General Manager, and will supervise the overall operations of the station and the employees. Mary F. Constant is a female and claims that as an enhancement factor.

# **KLEIN BROADCAST**

**EPC ORIGINAL**

*live*



# **KLEIN BROADCAST ENGINEERING**

NOVEMBER 1991

FCC FORM 301 APPLICATION  
FOR FM CONSTRUCTION PERMIT  
MOONBEAM , INC.  
NEW (FM)  
FM CHANNEL 265 A / 100.9 mHz.  
CALISTOGA , CALIFORNIA

## INTRODUCTION and ENGINEERING STATEMENT

The applicant, Moonbeam , Inc., has retained the firm of Klein Broadcast Engineering to prepare the engineering calculations and engineering exhibits required in support of FCC Form 301, an application for a construction permit, to construct new main transmission facilities , for a NEW (FM) station on Channel 265 A at Calistoga, California.

The facilities requested are as follows: Operation on FM Channel 265 A / 100.9 mHz. with 0.075 kilowatts E.R.P. in the horizontal and vertical planes, at 829 meters HAAT. This is the equivalent of maximum Class "A" FM facilities for 829 meters HAAT, in compliance with Section 73.211(2) of the Commission's Rules and Regulations.

The facilities requested in this FCC Form 301 application for FM Construction Permit complies with all requirements of Section 73.207 of the Commission's Rules and Regulations as amended to date. A detailed engineering exhibit supporting compliance is included with this application and is marked as Exhibit E-5.

The facilities requested in this FCC Form 301 application for FM Construction Permit complies with all the requirements of Section 73.315 of the Commission's Rules and Regulations as amended to date, all applicable paragraphs included.

The distances to the 60 dBu and 70 dBu contours were calculated from the Rules and Regulations of the Federal Communications Commission, Sections 73.311, 73.312, 73.313, 73.315 and 73.333 as amended to date.

The topographic data found in this FCC Form 301 application was generated from the NGDC 30 Second Terrain Data File.

# **KLEIN BROADCAST ENGINEERING**

*Decline in the use of the word "ENGINEERING" in the title of a company name*

INTRODUCTION and ENGINEERING STATEMENT cont'd page two:

MOONBEAM , INC.  
NEW (FM)  
CALISTOGA , CALIFORNIA

The areas within these contours were calculated by computer program or measured with a K & E Compensating Polar Planimeter, serial number 103293. Engineering Exhibit E-1A clearly shows the predicted 70 dBu (3.16 mV/m) City Grade contour will encompass the entire community of license, Calistoga, California.

The population data supplied in this application for FM Construction Permit was taken from the 1980 U.S. Census, unless more recent data was available at the time this application was prepared. This fact will be noted on exhibits dealing with such matters. Each prescribed contour was plotted and the population was summed within each contour. The population data was calculated and counted by census division, where a census division was partially contained, uniform population distribution was assumed and prorated by the contained portion of the census division.

Calculations have been made as to the proposed facilities compliance with the ANSI/EPA and FCC Guidelines on Human Exposure to Non-Ionizing RF Radiation. Details of compliance may be found in Engineering Exhibit E-10RHS, included and made a part of this application. Compliance is certified with the FCC O.S.T. Bulletin # 65, RFR Guidelines.

A Notice of Proposed Construction was filed with the Federal Aviation Administration on FAA Form 7460-1, on November 10, 1991 with the FAA Western Pacific Regional Office in Los Angeles, California. A copy of the notice as filed is included with this application as Engineering Exhibit E-15.

Compliance with Section 1.1307 of the Commission's Rules and Regulations is certified as this application would not be a major environmental action as defined.

# **KLEIN BROADCAST ENGINEERING**

*dedicated to the highest quality of radio & television engineering*

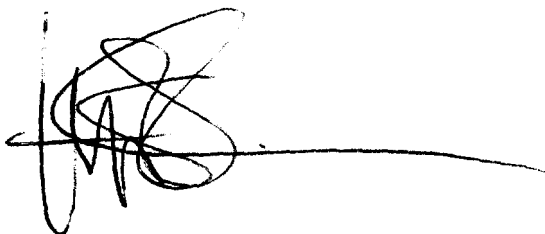
INTRODUCTION and ENGINEERING STATEMENT cont'd page three:

MOONBEAM , INC.  
NEW (FM)  
CALISTOGA , CALIFORNIA

The applicant proposes to install auxiliary power generating equipment at both it's proposed studio and transmitter site locations. The applicant Moonbeam, Inc. proposes to do so in order that the proposed station may remain on the air in case of a commercial power failure. The applicant wishes to do this in order to bring the general public in the Calistoga, California area emergency weather information and serve the community, in general during commercial power failures.

This FCC Form 301 Application for FM Broadcast Station Construction Permit has been prepared in accordance with Section 73 of the Rules and Regulations of the Federal Communications Commission as amended to date. Therefore, the applicant , Moonbeam, Inc., requests the Commission consider and GRANT this FCC Form 301 application for an FM Broadcast Station Construction Permit, for a new FM broadcast station at Calistoga, California on FM Channel 265 Class "A" / 100.9 mHz., as requested herein.

Respectfully submitted,



Elliott Kurt Klein,  
Consulting Broadcast Engineer

11 November 1991

ENCLOSURE  
ENCLOSURE  
ENCLOSURE

ENCLOSURE  
ENCLOSURE  
ENCLOSURE

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. \_\_\_\_\_

ASB Referral Date \_\_\_\_\_

Referred by \_\_\_\_\_

Name of Applicant

MOONBEAM, INC.

Call letters (if issued)

( NONE )

Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date: NOVEMBER 15, 1991

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
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5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.  
E-15Date November 10, 1991 Office where filed Western Pacific Regional Office  
Los Angeles, California

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>7-M Ranch Pvt.</u>	<u>7.97 km.</u>	<u>32.3° T.</u>
(b)	<u></u>	<u></u>	<u></u>

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 1207 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 24 meters(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 1231 meters

(b) Height of radiation center: (to the nearest meter) H = Horizontal; V = Vertical

(1) above ground 21 meters (H)21 meters (V)(2) above mean sea level [(a)(1) + (b)(1)] 1228 meters (H)1228 meters (V)(3) above average terrain 829 meters (H)829 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers as well as location of FM radiator.

Exhibit No.  
E-4

11-1

11-1

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15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.  
E-1C

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
E-1A

MAP SOURCE: U.S.G.S Topographical Western United States  
"SANTA ROSA" # NJ-10-5 revised 1970 and 1980

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 3.16 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 2495.4 sq. km.

Population 188,735 persons (1986 U.S. Census Update)

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
D N A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 30-second database

☐ 7.5 minute topographic map

(Source: NGDC 30 SECOND TERRAIN DATABASE)

☐ Other *(briefly summarize)*

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances	
		To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
* 161° T.	923.0	14.7	29.9
0	808.1	14.1	27.9
45	799.4	14.1	27.7
90	762.7	13.8	27.1
135	940.1	14.8	30.2
180	929.0	14.7	30.0
225	969.0	15.0	30.6
270	1001.9	15.1	31.2
315	422.1	11.0	19.8

\*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

## 20. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

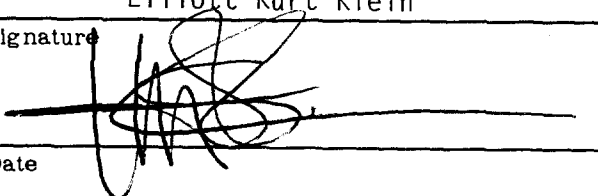
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.  
D N A

If No, explain briefly why not. Applicant proposes to mount its antenna on an existing structure with a height AGL of 24 meters. Applicant's proposed facilities comply with the ANSI/EPA Guidelines on Human Exposure to RFR and the FCC O.S.T. Bulletin #65 RFR Exposure Guidelines.

**CERTIFICATION** (see Exhibit E-10RHS for details)

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
Elliott Kurt Klein	Consulting Broadcast Engineer
Signature	Address (Include ZIP Code)
	KLEIN BROADCAST ENGINEERING 5529 East Sapphire Lane Paradise Valley, AZ. 85253
Date	Telephone No. (Include Area Code)
November 11, 1991	( 602 ) 991-0575



# KLEIN BROADCAST ENGINEERING

reduced

NOVEMBER 1991

NOVEMBER 1991

EXHIBIT E-1AD  
FCC FORM 301 APPLICATION  
FOR FM CONSTRUCTION PERMIT  
MOONBEAM, INC.  
N E W (FM)  
FM CHANNEL 265 A / 100.9 MHz.  
CALISTOGA , CALIFORNIA

## TABULATIONS of POPULATIONS and AREAS

<u>CONTOUR</u>	<u>POPULATION 1980 CENSUS</u>	<u>AREA in SQ.KM.</u>
70 dBu (3.16mv/m)	7,627 persons	624.9 SQ. KM.
60 dBu (1.00mv/m)	165,494 " "	2,495.4 " "

## POPULATION 1986 US CENSUS UPDATE

60 dBu (1.00mv/m)	188,735 persons
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